

PerfIDia

What it is? What we want? What
is it going to be?

Automation of ID/SF

- What's the purpose?
 - No need to redo the work all the time for the analysis sharing the same ID/reco/trigger cuts
 - Avoid waste of time in checking different results
 - Automation to check data stability

Automation of ID/SF

- Not all the analysis share the same ID/SF
 - Especially searches are “tuning” cuts to get the best acceptance/efficiency
 - WZ example
 - It is important to keep diversity
 - Not one size fits all

Automation of ID/SF

- Documentation: lots of (good) documentation around
 - Lepton Working group page is great!
 - Web pages
 - Notes
 - Should keep it
- Code: some of it in CVS

What do we want?

- Common code
 - To plug into an analysis to, let's say, apply scale factors to MC;
 - Since not all the analyses will use the same cuts, need to allow different options
 - UCSD package could be an interesting starting point (Elliot's talk at last Lepton group)
 - JPCClass ?

What do we want?

- Automatic tool to check data stability
 - All code in one place
- Other???

What (management) structure?

- Avoid multiple meetings
 - PerfIDia manager can attend the lepton group meeting (JES, and btagging in the future)
 - Reports at the JP meeting?
 - PerfIDia will have to be updated at the same time of blessing of new ID/SF
 - Timely reports on data stability checks etc..